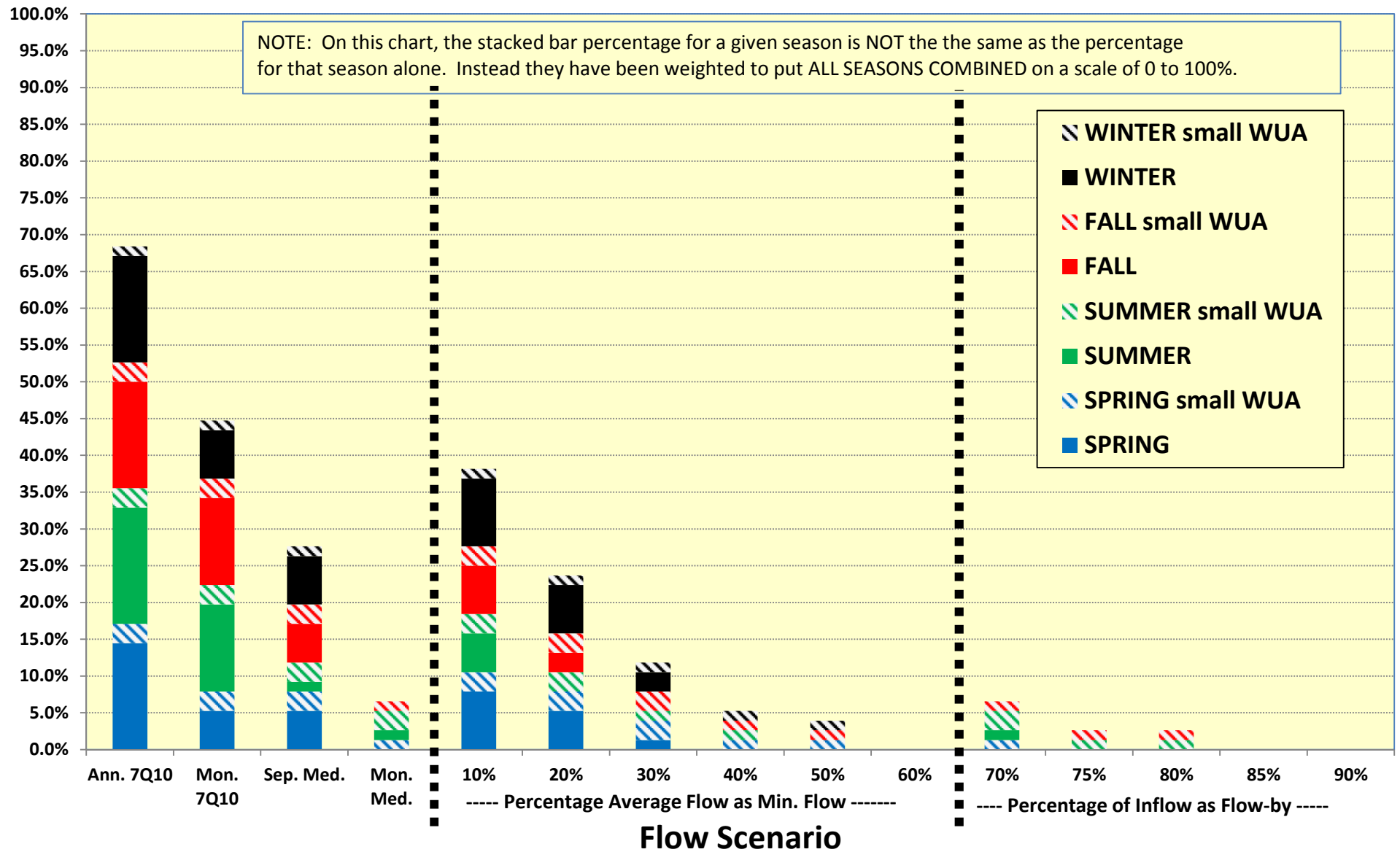


# Nantahala River - Bypassed Reach Below Dicks Creek - % (weighted equally for each season) of Species/Life Stages <80% of Unregulated Index B WUA Value



**NANTAHALA RIVER, BELOW DICKS CR.** If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B >= 1000, then table shows a "1".  
 If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B < 1000, then table shows a "0.01".

Season **SPRING**

**April - June**

Numbers in **Red** indicate low amount of habitat (seasonal unregulated index B < 1,000).

Species/LifeStage		Traditional Minimum Flow				Percent Mean Annual Flow						Percent Flow-by				
		Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow	EPHEM	1														
	PLECO	1				1										
	NHSJ	1	1	1		1	1									
	RBTF															
	BNDJ	1														
	BNDF															
	BNDS															
	BRTJ															
	BRTF	1														
	LNDX	1	1	1		1	1									
	CRCA															
	CRCY															
Deep	TRIC	1				1										
	MTSX	1	1	1		1	1	1								
	NHSA	1	1	1		1	1									
	RBTA	1														
	RBTS	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01		0.01				
	BRTA	1														
	BRTS	0.01	0.01	0.01		0.01	0.01	0.01								
Total out of 19		11.02	4.02	4.02	0.01	6.02	4.02	1.02	0.01	0.01	0	0.01	0	0	0	0
total > 1000 WUA		11	4	4	0	6	4	1	0	0	0	0	0	0	0	0
total < 1000 WUA		2	2	2	1	2	2	2	1	1	0	1	0	0	0	0
Total out of 19		13	6	6	1	8	6	3	1	1	0	1	0	0	0	0
% for just this season		68.4%	31.6%	31.6%	5.3%	42.1%	31.6%	15.8%	5.3%	5.3%	0.0%	5.3%	0.0%	0.0%	0.0%	0.0%
% weighted equally for each season		17.1%	7.9%	7.9%	1.3%	10.5%	7.9%	3.9%	1.3%	1.3%	0.0%	1.3%	0.0%	0.0%	0.0%	0.0%
% > 1000 WUA		14.5%	5.3%	5.3%	0.0%	7.9%	5.3%	1.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% < 1000 WUA		2.6%	2.6%	2.6%	1.3%	2.6%	2.6%	2.6%	1.3%	1.3%	0.0%	1.3%	0.0%	0.0%	0.0%	0.0%

unregulated Index B
26562
14316
13688
7682
18769
13294
2280
21723
3130
13837
10110
3515
37077
35264
18143
46033
428
28090
927

**NANTAHALA RIVER, BELOW DICKS CR.** Table shows percentage of unregulated Index B value achieved by flow scenario

Season **SPRING**

April - June

Highlighted cells are those >120% or < 80%

Species/LifeStage		Traditional Minimum Flow				Minimum = Percent Mean Annual Flow						Percent Flow-by				
		Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow	EPHEM	77.1%	101.6%	104.8%	111.2%	97.4%	107.7%	113.1%	115.3%	114.3%	111.5%	100.1%	100.1%	100.1%	100.1%	100.1%
	PLECO	33.5%	84.5%	93.4%	111.3%	72.7%	101.3%	112.1%	118.4%	118.5%	114.5%	95.3%	96.3%	97.1%	97.9%	98.6%
	NHSJ	8.2%	50.4%	59.3%	92.1%	38.7%	67.5%	86.6%	101.2%	107.3%	105.8%	88.0%	90.2%	92.3%	94.3%	96.2%
	RBTF	149.8%	144.0%	139.6%	115.4%	148.9%	134.1%	123.9%	113.4%	105.7%	103.2%	111.6%	109.5%	107.5%	105.5%	103.6%
	BNDJ	62.9%	95.9%	101.3%	113.1%	88.7%	105.7%	114.1%	117.7%	118.0%	115.5%	99.0%	99.3%	99.5%	99.7%	99.9%
	BNDF	212.7%	176.2%	163.9%	120.6%	192.3%	151.4%	130.7%	117.5%	109.2%	104.7%	119.9%	116.1%	112.6%	109.2%	106.0%
	BNDS	85.6%	125.8%	119.7%	119.3%	131.9%	113.4%	124.5%	139.3%	136.4%	123.2%	106.8%	105.0%	103.5%	102.2%	101.2%
	BRTJ	81.4%	105.6%	109.3%	111.8%	101.0%	112.2%	114.5%	114.7%	112.9%	110.3%	101.5%	101.3%	101.1%	100.9%	100.6%
	BRTF	51.3%	87.7%	93.4%	109.8%	80.3%	99.5%	110.6%	116.1%	115.9%	113.1%	97.1%	97.7%	98.2%	98.8%	99.3%
	LNDX	25.1%	63.5%	71.4%	105.4%	53.4%	79.5%	93.4%	107.8%	119.0%	122.7%	94.6%	95.7%	96.6%	97.5%	98.4%
	CRCA	92.9%	107.0%	108.2%	106.8%	105.5%	108.5%	108.8%	109.1%	107.7%	105.6%	102.0%	101.7%	101.3%	101.0%	100.7%
	CRCY	138.4%	121.6%	115.6%	106.1%	129.1%	111.4%	105.9%	103.2%	102.5%	104.2%	107.6%	106.1%	104.8%	103.5%	102.3%
Deep	TRIC	57.1%	85.2%	90.3%	105.1%	78.8%	95.7%	103.8%	108.5%	110.3%	109.4%	96.6%	97.3%	97.9%	98.5%	99.0%
	MTSX	28.7%	54.3%	59.8%	85.8%	47.4%	66.2%	79.0%	88.3%	94.0%	96.4%	88.2%	90.5%	92.6%	94.6%	96.5%
	NHSA	17.8%	61.2%	70.4%	99.4%	49.3%	79.5%	95.9%	106.3%	110.6%	109.3%	90.9%	92.7%	94.3%	95.9%	97.3%
	RBTA	76.8%	94.5%	97.5%	106.1%	90.6%	99.4%	104.6%	107.7%	110.0%	110.2%	98.8%	99.0%	99.2%	99.4%	99.6%
	RBTS	0.0%	6.3%	9.6%	61.7%	1.9%	15.7%	32.7%	51.9%	74.1%	93.0%	79.0%	82.7%	86.4%	90.0%	93.5%
	BRTA	59.7%	93.1%	98.9%	109.2%	85.4%	104.0%	109.7%	111.8%	111.7%	110.6%	97.8%	98.3%	98.8%	99.2%	99.5%
	BRTS	6.6%	34.4%	41.3%	87.1%	25.6%	47.6%	73.2%	94.5%	104.9%	110.5%	88.0%	90.1%	92.1%	94.1%	96.0%
AVERAGE		66.6%	89.1%	92.0%	104.1%	85.2%	94.8%	102.0%	107.5%	109.6%	109.1%	98.0%	98.4%	98.7%	99.1%	99.4%
MEDIAN		59.7%	93.1%	97.5%	106.8%	85.4%	101.3%	108.8%	109.1%	110.3%	110.2%	97.8%	98.3%	98.8%	99.2%	99.5%
MINIMUM		0.0%	6.3%	9.6%	61.7%	1.9%	15.7%	32.7%	51.9%	74.1%	93.0%	79.0%	82.7%	86.4%	90.0%	93.5%
MAXIMUM		212.7%	176.2%	163.9%	120.6%	192.3%	151.4%	130.7%	139.3%	136.4%	123.2%	119.9%	116.1%	112.6%	109.2%	106.0%

NANTAHALA RIVER, BELOW DICKS CR. If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B >= 1000, then table shows a "1".

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B < 1000, then table shows a "0.01".

Season **SUMMER**

**July - September**

Numbers in **Red** indicate low amount of habitat (seasonal unregulated index B < 1,000).

Species/LifeStage		Traditional Minimum Flow				Percent Mean Annual Flow						Percent Flow-by				
		Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow	EPHEM	1														
	PLECO	1	1													
	NHSJ	1	1	1	1	1						1				
	RBTF															
	BNDJ	1	1													
	BNDF															
	BNDS	1														
	BRTJ	1														
	BRTF	1	1													
	LNDX	1	1			1										
	CRCA															
	CRCY															
Deep	TRIC	1	1													
	MTSX	1	1			1										
	NHSA	1	1			1										
	RBTA															
	RBTS	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01			0.01	0.01	0.01		
	BRTA	1	1													
	BRTS	0.01	0.01	0.01	0.01	0.01	0.01					0.01				
Total out of 19		12.02	9.02	1.02	1.02	4.02	0.02	0.01	0.01	0	0	1.02	0.01	0.01	0	0
total > 1000 WUA		12	9	1	1	4	0	0	0	0	0	1	0	0	0	0
total < 1000 WUA		2	2	2	2	2	2	1	1	0	0	2	1	1	0	0
Total out of 19		14	11	3	3	6	2	1	1	0	0	3	1	1	0	0
% for just this season		73.7%	57.9%	15.8%	15.8%	31.6%	10.5%	5.3%	5.3%	0.0%	0.0%	15.8%	5.3%	5.3%	0.0%	0.0%
% weighted equally for each season		18.4%	14.5%	3.9%	3.9%	7.9%	2.6%	1.3%	1.3%	0.0%	0.0%	3.9%	1.3%	1.3%	0.0%	0.0%
% > 1000 WUA		15.8%	11.8%	1.3%	1.3%	5.3%	0.0%	0.0%	0.0%	0.0%	0.0%	1.3%	0.0%	0.0%	0.0%	0.0%
% < 1000 WUA		2.6%	2.6%	2.6%	2.6%	2.6%	2.6%	1.3%	1.3%	0.0%	0.0%	2.6%	1.3%	1.3%	0.0%	0.0%

unregulated Index B
26536
12710
9291
9961
18011
20094
2620
22333
2855
10524
10534
4055
33461
24341
13611
44087
135
26484
523

**NANTAHALA RIVER, BELOW DICKS CR.** Table shows percentage of unregulated Index B value achieved by flow scenario

Season **SUMMER**

July - September

Highlighted cells are those >120% or < 80%

Species/LifeStage		Traditional Minimum Flow				Minimum = Percent Mean Annual Flow						Percent Flow-by				
		Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow	EPHEM	77.1%	84.2%	102.6%	102.9%	97.0%	104.2%	106.7%	107.8%	107.0%	105.1%	96.0%	96.8%	97.6%	98.3%	98.9%
	PLECO	37.7%	50.3%	98.1%	99.0%	80.7%	102.9%	108.7%	112.1%	111.7%	108.7%	87.1%	89.8%	92.2%	94.4%	96.4%
	NHSJ	12.1%	24.0%	78.4%	79.5%	55.7%	84.9%	98.1%	108.5%	112.4%	110.5%	78.2%	82.4%	86.3%	90.0%	93.5%
	RBTF	115.5%	116.9%	109.8%	109.4%	115.0%	107.4%	103.7%	99.8%	97.0%	96.1%	105.9%	104.9%	103.9%	103.0%	102.0%
	BNDJ	65.5%	73.9%	101.6%	102.1%	91.7%	104.1%	108.2%	110.0%	110.0%	108.2%	93.4%	94.8%	96.0%	97.1%	98.1%
	BNDF	140.7%	139.5%	113.9%	113.1%	127.9%	109.4%	103.0%	98.7%	96.1%	94.7%	113.1%	110.7%	108.4%	106.2%	104.1%
	BNDS	74.5%	91.7%	106.0%	105.2%	114.4%	102.6%	107.1%	114.0%	112.5%	106.7%	100.8%	101.0%	101.0%	100.8%	100.6%
	BRTJ	79.2%	85.9%	103.8%	104.1%	97.8%	105.4%	106.4%	106.3%	105.0%	103.9%	96.2%	97.0%	97.7%	98.4%	99.0%
	BRTF	56.3%	67.1%	98.0%	98.7%	87.3%	101.6%	107.4%	110.3%	109.8%	107.7%	91.8%	93.5%	95.0%	96.4%	97.7%
	LNDX	33.1%	43.7%	86.7%	87.7%	69.2%	92.5%	101.1%	110.2%	117.2%	119.5%	85.1%	88.0%	90.8%	93.3%	95.6%
	CRCA	89.2%	94.2%	103.0%	103.0%	101.0%	103.1%	103.3%	103.4%	102.6%	101.6%	98.6%	98.9%	99.2%	99.5%	99.7%
	CRCY	120.0%	119.5%	103.6%	103.2%	112.3%	101.6%	99.4%	98.2%	98.0%	99.1%	106.1%	104.9%	103.9%	102.8%	101.8%
Deep	TRIC	63.3%	70.2%	96.1%	96.7%	86.7%	99.4%	103.6%	106.1%	107.1%	106.2%	92.1%	93.7%	95.2%	96.5%	97.8%
	MTSX	41.6%	49.9%	81.1%	82.0%	67.9%	86.2%	94.9%	101.5%	105.3%	107.0%	84.4%	87.3%	90.0%	92.7%	95.2%
	NHSA	23.7%	35.0%	85.4%	86.6%	64.5%	91.9%	102.3%	109.0%	111.7%	109.8%	81.6%	85.2%	88.5%	91.6%	94.6%
	RBTA	80.2%	85.0%	99.7%	99.9%	94.3%	100.7%	103.3%	104.8%	106.0%	106.1%	96.4%	97.1%	97.8%	98.4%	99.0%
	RBTS	0.0%	0.0%	21.5%	22.2%	5.2%	30.4%	53.3%	79.3%	109.6%	134.8%	62.2%	69.6%	76.3%	82.2%	88.1%
	BRTA	63.3%	72.1%	100.6%	101.2%	89.9%	103.6%	106.4%	107.4%	107.2%	106.2%	92.9%	94.4%	95.7%	97.0%	98.1%
	BRTS	11.7%	20.5%	64.8%	66.2%	44.4%	70.9%	92.2%	110.3%	119.1%	123.7%	76.5%	80.9%	85.1%	89.1%	92.9%
AVERAGE		62.4%	69.7%	92.3%	92.8%	84.4%	94.9%	100.5%	105.1%	107.7%	108.2%	91.5%	93.2%	94.8%	96.2%	97.5%
MEDIAN		63.3%	72.1%	99.7%	99.9%	89.9%	101.6%	103.3%	107.4%	107.2%	106.7%	92.9%	94.4%	95.7%	97.0%	98.1%
MINIMUM		0.0%	0.0%	21.5%	22.2%	5.2%	30.4%	53.3%	79.3%	96.1%	94.7%	62.2%	69.6%	76.3%	82.2%	88.1%
MAXIMUM		140.7%	139.5%	113.9%	113.1%	127.9%	109.4%	108.7%	114.0%	119.1%	134.8%	113.1%	110.7%	108.4%	106.2%	104.1%

NANTAHALA RIVER, BELOW DICKS CR. If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B >= 1000, then table shows a "1".

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B < 1000, then table shows a "0.01".

Season **FALL**

**Oct & Nov**

Numbers in **Red** indicate low amount of habitat (seasonal unregulated index B < 1,000).

Species/LifeStage		Traditional Minimum Flow				Percent Mean Annual Flow						Percent Flow-by				
		Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow	EPHEM	1														
	PLECO	1	1			1										
	NHSJ	1	1	1		1	1									
	RBTF															
	BNDJ	1	1													
	BNDF															
	BNDS															
	BRTJ															
	BRTF	1	1													
	LNDX	1	1	1		1										
	CRCA															
	CRCY															
Deep	TRIC	1	1													
	MTSX	1	1	1		1	1									
	NHSA	1	1	1		1										
	RBTA	1														
	RBTS	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01	0.01		0.01	0.01	0.01		
	BRTA	1	1													
	BRTS	0.01	0.01	0.01		0.01	0.01	0.01								
Total out of 19		11.02	9.02	4.02	0.01	5.02	2.02	0.02	0.01	0.01	0	0.01	0.01	0.01	0	0
total > 1000 WUA		11	9	4	0	5	2	0	0	0	0	0	0	0	0	0
total < 1000 WUA		2	2	2	1	2	2	2	1	1	0	1	1	1	0	0
Total out of 19		13	11	6	1	7	4	2	1	1	0	1	1	1	0	0
% for just this season		68.4%	57.9%	31.6%	5.3%	36.8%	21.1%	10.5%	5.3%	5.3%	0.0%	5.3%	5.3%	5.3%	0.0%	0.0%
% weighted equally for each season		17.1%	14.5%	7.9%	1.3%	9.2%	5.3%	2.6%	1.3%	1.3%	0.0%	1.3%	1.3%	1.3%	0.0%	0.0%
% > 1000 WUA		14.5%	11.8%	5.3%	0.0%	6.6%	2.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% < 1000 WUA		2.6%	2.6%	2.6%	1.3%	2.6%	2.6%	2.6%	1.3%	1.3%	0.0%	1.3%	1.3%	1.3%	0.0%	0.0%

unregulated Index B
25660
13200
12057
8360
17724
15613
2322
21199
2909
12676
10079
3744
35120
31752
16237
44626
366
26530
810

**NANTAHALA RIVER, BELOW DICKS CR.** Table shows percentage of unregulated Index B value achieved by flow scenario

Season **FALL**

October & November

Highlighted cells are those >120% or < 80%

Species/LifeStage		Traditional Minimum Flow				Minimum = Percent Mean Annual Flow						Percent Flow-by				
		Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow	EPHEM	79.8%	87.7%	107.4%	111.5%	100.7%	109.6%	113.9%	116.1%	114.8%	112.0%	99.4%	99.6%	99.7%	99.8%	99.9%
	PLECO	36.3%	49.8%	98.0%	111.5%	78.6%	104.4%	113.5%	119.7%	119.4%	114.8%	93.8%	95.2%	96.4%	97.4%	98.4%
	NHSJ	9.3%	19.6%	63.8%	93.9%	43.7%	70.8%	87.8%	103.0%	109.1%	107.1%	86.8%	89.5%	91.9%	94.1%	96.2%
	RBTF	137.6%	139.3%	129.6%	110.5%	136.9%	125.8%	118.5%	109.6%	103.0%	100.9%	108.7%	107.1%	105.6%	104.2%	102.7%
	BNDJ	66.6%	76.0%	105.3%	114.1%	93.8%	108.8%	115.7%	119.1%	119.3%	116.4%	98.4%	98.8%	99.2%	99.4%	99.7%
	BNDF	181.1%	179.2%	143.1%	114.9%	163.9%	135.1%	121.5%	111.1%	104.6%	101.1%	116.4%	113.3%	110.4%	107.6%	104.9%
	BNDS	84.0%	105.2%	118.5%	123.0%	129.4%	113.5%	122.4%	136.1%	133.3%	121.4%	105.0%	104.2%	103.4%	102.6%	101.8%
	BRTJ	83.5%	91.2%	110.7%	111.6%	103.4%	112.9%	114.8%	114.8%	113.0%	110.5%	99.8%	100.0%	100.1%	100.1%	100.1%
	BRTF	55.2%	66.8%	98.3%	110.5%	86.2%	103.3%	112.6%	117.9%	117.5%	114.2%	97.2%	97.9%	98.5%	99.0%	99.4%
	LNDX	27.5%	37.3%	74.9%	107.0%	58.1%	81.6%	93.5%	107.9%	119.2%	122.9%	92.9%	94.5%	95.8%	97.1%	98.2%
	CRCA	93.2%	98.9%	108.1%	107.1%	105.7%	108.3%	108.6%	108.8%	107.5%	105.4%	100.6%	100.6%	100.5%	100.4%	100.3%
	CRCY	130.0%	129.2%	110.4%	104.0%	121.3%	107.5%	103.4%	101.1%	100.7%	102.4%	106.9%	105.7%	104.5%	103.4%	102.2%
Deep	TRIC	60.3%	67.6%	93.4%	105.0%	83.1%	97.8%	104.4%	108.9%	110.7%	109.5%	96.1%	97.0%	97.7%	98.4%	99.0%
	MTSX	31.9%	38.9%	64.3%	87.1%	52.5%	69.6%	80.7%	90.2%	96.0%	98.5%	87.9%	90.3%	92.5%	94.5%	96.5%
	NHSA	19.8%	30.4%	75.1%	99.8%	54.9%	82.7%	97.0%	107.7%	112.1%	110.1%	89.4%	91.6%	93.6%	95.4%	97.0%
	RBTA	79.2%	84.4%	99.5%	107.0%	93.4%	101.0%	105.2%	108.1%	110.3%	110.5%	98.9%	99.1%	99.4%	99.6%	99.8%
	RBTS	0.0%	0.0%	9.8%	62.0%	2.2%	15.3%	30.9%	51.4%	75.4%	95.6%	69.9%	73.8%	77.0%	80.3%	93.7%
	BRTA	63.2%	72.8%	102.6%	109.7%	90.3%	106.7%	111.3%	113.3%	113.0%	111.5%	97.3%	97.9%	98.5%	98.9%	99.4%
	BRTS	7.5%	13.8%	44.6%	88.8%	29.1%	50.0%	73.2%	95.4%	106.5%	112.3%	87.4%	90.1%	92.6%	94.7%	96.5%
AVERAGE		65.6%	73.1%	92.5%	104.2%	85.6%	95.0%	101.5%	107.4%	109.8%	109.3%	96.5%	97.2%	97.8%	98.3%	99.2%
MEDIAN		63.2%	72.8%	99.5%	107.1%	90.3%	104.4%	108.6%	108.9%	110.7%	110.5%	97.3%	97.9%	98.5%	99.0%	99.4%
MINIMUM		0.0%	0.0%	9.8%	62.0%	2.2%	15.3%	30.9%	51.4%	75.4%	95.6%	69.9%	73.8%	77.0%	80.3%	93.7%
MAXIMUM		181.1%	179.2%	143.1%	123.0%	163.9%	135.1%	122.4%	136.1%	133.3%	122.9%	116.4%	113.3%	110.4%	107.6%	104.9%

NANTAHALA RIVER, BELOW DICKS CR. If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B >= 1000, then table shows a "1".

If seasonal Index B value is < 80% of unregulated value, and seasonal unregulated Index B < 1000, then table shows a "0.01".

Season **WINTER**

**Dec - March**

Numbers in **Red** indicate low amount of habitat (seasonal unregulated index B < 1,000).

Species/LifeStage	Traditional Minimum Flow				Percent Mean Annual Flow						Percent Flow-by				
	Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow	EPHEM														
	PLECO	1			1										
	NHSJ	1	1	1	1	1									
	RBTF														
	BNDJ	1													
	BNDF														
	BNDS														
	BRTJ														
	BRTF	1													
	LNDX	1	1	1	1	1									
	CRCA														
	CRCY														
Deep	TRIC	1			1										
	MTSX	1	1	1	1	1	1								
	NHSA	1	1	1	1	1									
	RBTA	1													
	RBTS	0.01	0.01	0.01		0.01	0.01	0.01	0.01	0.01					
	BRTA	1													
	BRTS	1	1	1	1	1	1								
Total out of 19		11.01	5.01	5.01	0	7.01	5.01	2.01	0.01	0.01	0	0	0	0	0
total > 1000 WUA		11	5	5	0	7	5	2	0	0	0	0	0	0	0
total < 1000 WUA		1	1	1	0	1	1	1	1	1	0	0	0	0	0
Total out of 19		12	6	6	0	8	6	3	1	1	0	0	0	0	0
% for just this season		63.2%	31.6%	31.6%	0.0%	42.1%	31.6%	15.8%	5.3%	5.3%	0.0%	0.0%	0.0%	0.0%	0.0%
% weighted equally for each season		15.8%	7.9%	7.9%	0.0%	10.5%	7.9%	3.9%	1.3%	1.3%	0.0%	0.0%	0.0%	0.0%	0.0%
% > 1000 WUA		14.5%	6.6%	6.6%	0.0%	9.2%	6.6%	2.6%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
% < 1000 WUA		1.3%	1.3%	1.3%	0.0%	1.3%	1.3%	1.3%	1.3%	1.3%	0.0%	0.0%	0.0%	0.0%	0.0%

unregulated Index B
24324
13989
15690
5886
16809
9039
1885
19173
2906
14630
9281
3102
37204
42246
19428
45008
655
26572
1136



**NANTAHALA RIVER, BELOW DICKS CR.** Table shows percentage of unregulated Index B value achieved by flow scenario

Season **WINTER**

December - March

Highlighted cells are those >120% or < 80%

Species/LifeStage		Traditional Minimum Flow				Minimum = Percent Mean Annual Flow						Percent Flow-by				
		Ann. 7Q10	Mon. 7Q10	Sep. Med.	Mon. Med.	10%	20%	30%	40%	50%	60%	70%	75%	80%	85%	90%
Shallow	EPHEM	84.2%	115.9%	114.5%	113.2%	106.3%	117.8%	125.5%	129.0%	127.7%	123.2%	103.9%	103.1%	102.4%	101.8%	101.1%
	PLECO	34.3%	99.4%	95.7%	113.1%	74.4%	104.3%	118.6%	127.8%	128.3%	122.9%	99.0%	99.1%	99.3%	99.5%	99.7%
	NHSJ	7.2%	55.2%	51.8%	104.6%	33.7%	59.5%	81.1%	99.4%	107.6%	106.5%	93.4%	94.6%	95.7%	96.8%	97.9%
	RBTf	195.5%	178.6%	182.2%	110.9%	194.4%	174.4%	157.3%	137.4%	122.5%	117.6%	115.8%	112.9%	110.1%	107.5%	104.9%
	BNDJ	70.2%	115.4%	113.2%	123.0%	99.0%	118.4%	130.5%	136.2%	137.1%	133.4%	106.5%	105.4%	104.3%	103.2%	102.1%
	BNDf	312.9%	231.9%	241.0%	113.4%	282.9%	221.2%	182.1%	153.9%	135.8%	125.9%	125.2%	120.3%	115.7%	111.5%	107.4%
	BNDs	103.5%	141.4%	144.8%	120.6%	159.5%	136.7%	153.2%	178.4%	174.0%	150.7%	109.1%	106.6%	104.6%	103.0%	101.7%
	BRTJ	92.3%	125.2%	123.8%	114.8%	114.4%	127.4%	130.7%	131.1%	128.3%	124.0%	106.5%	105.3%	104.2%	103.1%	102.0%
	BRTf	55.3%	103.9%	100.6%	123.2%	86.4%	107.7%	123.2%	131.6%	131.8%	127.7%	105.1%	104.3%	103.4%	102.6%	101.7%
	LNDX	23.8%	71.2%	67.6%	131.5%	50.5%	75.8%	92.9%	112.6%	128.2%	133.5%	101.3%	101.0%	100.7%	100.3%	99.4%
	CRCA	101.2%	117.8%	117.8%	108.0%	114.9%	118.2%	118.8%	119.1%	117.0%	113.8%	104.6%	103.8%	103.0%	102.2%	101.5%
	CRCY	156.9%	129.0%	130.9%	113.7%	146.3%	125.9%	117.8%	113.5%	112.2%	114.6%	109.9%	108.0%	106.3%	104.6%	103.0%
Deep	TRIC	56.9%	92.7%	90.0%	111.2%	78.5%	95.8%	106.2%	112.9%	115.6%	114.8%	99.5%	99.6%	99.7%	99.8%	99.9%
	MTSX	24.0%	52.6%	49.9%	96.4%	39.5%	55.7%	69.5%	80.7%	87.7%	90.8%	92.3%	93.9%	95.3%	96.6%	97.8%
	NHSA	16.6%	69.9%	65.8%	111.0%	46.1%	74.9%	94.7%	108.7%	114.6%	113.6%	96.8%	97.4%	98.0%	98.6%	99.1%
	RBTA	78.6%	100.5%	99.7%	112.4%	92.6%	101.8%	108.7%	113.3%	116.8%	117.0%	101.5%	101.3%	101.0%	100.7%	100.5%
	RBTS	0.0%	8.5%	6.3%	96.8%	1.2%	10.5%	25.0%	43.1%	64.7%	83.4%	86.6%	89.2%	91.5%	93.6%	95.7%
	BRTA	63.1%	107.0%	104.6%	113.4%	90.3%	110.4%	118.1%	121.2%	121.2%	119.8%	102.6%	102.3%	101.9%	101.4%	101.0%
	BRTS	5.4%	36.1%	33.8%	122.7%	20.9%	39.3%	66.7%	91.7%	104.2%	111.1%	96.5%	97.1%	97.6%	98.2%	98.8%
AVERAGE		78.0%	102.8%	101.8%	113.4%	96.4%	104.0%	111.6%	118.0%	119.8%	118.1%	102.9%	102.4%	101.8%	101.3%	100.8%
MEDIAN		63.1%	103.9%	100.6%	113.2%	90.3%	107.7%	118.1%	119.1%	121.2%	117.6%	102.6%	102.3%	101.9%	101.4%	101.0%
MINIMUM		0.0%	8.5%	6.3%	96.4%	1.2%	10.5%	25.0%	43.1%	64.7%	83.4%	86.6%	89.2%	91.5%	93.6%	95.7%
MAXIMUM		312.9%	231.9%	241.0%	131.5%	282.9%	221.2%	182.1%	178.4%	174.0%	150.7%	125.2%	120.3%	115.7%	111.5%	107.4%